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NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS EXPRESS		April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 17:14:01 ON 15 JUL 2003

=> file medline, biosis, uspatful, dgene, wpids  
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.42	0.42

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 17:15:11 ON 15 JUL 2003

FILE 'BIOSIS' ENTERED AT 17:15:11 ON 15 JUL 2003  
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=> s DNA fragmentation () partial digestion  
L1 0 DNA FRAGMENTATION (W) PARTIAL DIGESTION

=> s exonuclease () cleavage () ligation () fusion  
L2 0 EXONUCLEASE (W) CLEAVAGE (W) LIGATION (W) FUSION

=> s exonuclease and cleavage  
L3 5897 EXONUCLEASE AND CLEAVAGE

=> s l3 and ligation  
L4 3279 L3 AND LIGATION

=> s l4 and fusion  
L5 2143 L4 AND FUSION

=> s DNA fragmentation and partial digestion  
L6 22 DNA FRAGMENTATION AND PARTIAL DIGESTION

=> s l5 and green fluorescent protein  
L7 338 L5 AND GREEN FLUORESCENT PROTEIN

=> s l7 and domain  
L8 307 L7 AND DOMAIN

=> s l8 and fold  
L9 210 L8 AND FOLD

=> s l9 and l6  
L10 6 L9 AND L6

=> d l10 ti abs ibib tot

L10 ANSWER 1 OF 6 USPATFULL

TI Human cDNAs and proteins and uses thereof

AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or

biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:140406 USPATFULL  
TITLE: Human cDNAs and proteins and uses thereof  
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003096247	A1	20030522
APPLICATION INFO.:	US 2001-986	A1	20011114 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-IB1715	20010806
	US 2001-305456P	20010713 (60)
	US 2001-302277P	20010629 (60)
	US 2001-298698P	20010615 (60)
	US 2001-293574P	20010525 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento Valley Road, San Diego, CA, 92121-1609	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	25656	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 6 USPATFULL

TI Human cDNAs and proteins and uses thereof  
AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:133926 USPATFULL  
TITLE: Human cDNAs and proteins and uses thereof  
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003092011	A1	20030515
APPLICATION INFO.:	US 2001-489	A1	20011114 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-IB1715	20010806
	US 2001-305456P	20010713 (60)

US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento  
Valley Road, San Diego, CA, 92121-1609  
NUMBER OF CLAIMS: 13  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 4 Drawing Page(s)  
LINE COUNT: 25607  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 6 USPATFULL

TI Methods for genetic analysis of DNA to detect sequence variances  
AB Methods for determing genotypes and haplotypes of genes are described.  
Also described are single nucleotide polymorphisms and haplotypes in the  
ApoE gene and methods of using that information.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:120054 USPATFULL  
TITLE: Methods for genetic analysis of DNA to detect sequence  
variances  
INVENTOR(S): Stanton, Vincent P., JR., Belmont, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003082537	A1	20030501
APPLICATION INFO.:	US 2001-863733	A1	20010523 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-697028, filed on 25 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-696998, filed on 25 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2001-967013, filed on 28 Sep 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-206613P	20000523 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANITA L. MEIKLEJOHN, PH.D., Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	72	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	43 Drawing Page(s)	
LINE COUNT:	5382	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L10 ANSWER 4 OF 6 USPATFULL

TI Restriction enzyme genotyping  
AB Methods for determing genotypes and haplotypes of genes are described.  
Also described are single nucleotide polymorphisms and haplotypes in the  
ApoE gene and methods of using that information.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:106190 USPATFULL  
TITLE: Restriction enzyme genotyping  
INVENTOR(S): Olson, Jeffrey, Chelmsford, MA, UNITED STATES  
Zillmann, Martin, Shrewsbury, MA, UNITED STATES  
Stanton, Vincent P., JR., Belmont, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003073101	A1	20030417

APPLICATION INFO.: US 2002-116420 A1 20020404 (10)  
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-863733, filed  
on 23 May 2001, PENDING Continuation-in-part of Ser.  
No. US 2000-697028, filed on 25 Oct 2000, PENDING  
Continuation-in-part of Ser. No. US 2000-696998, filed  
on 25 Oct 2000, PENDING Continuation-in-part of Ser.  
No. US 2000-697013, filed on 25 Oct 2000, PENDING

	NUMBER	DATE
	-----	-----
PRIORITY INFORMATION:	US 2000-206613P	20000523 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANITA L. MEIKLEJOHN, PH.D., Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	45 Drawing Page(s)	
LINE COUNT:	4670	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L10 ANSWER 5 OF 6 USPATFULL

TI Human cDNAs and proteins and uses thereof  
AB The invention concerns GENSET polynucleotides and polypeptides. Such  
GENSET products may be used as reagents in forensic analyses, as  
chromosome markers, as tissue/cell/organelle-specific markers, in the  
production of expression vectors. In addition, they may be used in  
screening and diagnosis assays for abnormal GENSET expression and/or  
biological activity and for screening compounds that may be used in the  
treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:37603 USPATFULL  
TITLE: Human cDNAs and proteins and uses thereof  
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S.  
corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2003027248	A1	20030206
APPLICATION INFO.:	US 2001-924340	A1	20010806 (9)

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2001-305456P	20010713 (60)
	US 2001-302277P	20010629 (60)
	US 2001-298698P	20010615 (60)
	US 2001-293574P	20010525 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GENSET, JOHN LUCAS, PHD, J.D., 10665 SORRENTO VALLEY RD, SAN DIEGO, CA, 92121	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	25650	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L10 ANSWER 6 OF 6 USPATFULL

TI Human cDNAs and proteins and uses thereof  
AB The invention concerns GENSET polynucleotides and polypeptides. Such  
GENSET products may be used as reagents in forensic analyses, as

chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:37516 USPATFULL  
TITLE: Human cDNAs and proteins and uses thereof  
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003027161	A1	20030206
APPLICATION INFO.:	US 2001-992600	A1	20011113 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-IB1715	20010806
	US 2001-305456P	20010713 (60)
	US 2001-302277P	20010629 (60)
	US 2001-298698P	20010615 (60)
	US 2001-293574P	20010525 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento Valley Road, San Diego, CA, 92121-1609	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	25529	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 17:14:01 ON 15 JUL 2003)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, WPIDS' ENTERED AT 17:15:11 ON 15 JUL 2003

L1 0 S DNA FRAGMENTATION () PARTIAL DIGESTION  
L2 0 S EXONUCLEASE () CLEAVAGE () LIGATION () FUSION  
L3 5897 S EXONUCLEASE AND CLEAVAGE  
L4 3279 S L3 AND LIGATION  
L5 2143 S L4 AND FUSION  
L6 22 S DNA FRAGMENTATION AND PARTIAL DIGESTION  
L7 338 S L5 AND GREEN FLUORESCENT PROTEIN  
L8 307 S L7 AND DOMAIN  
L9 210 S L8 AND FOLD  
L10 6 S L9 AND L6

=> d l9 ti abs ibib 1-10

L9 ANSWER 1 OF 210 USPATFULL  
TI Neurotrophic factors  
AB The invention relates to neublastin neurotrophic factor polypeptides, nucleic acids encoding neublastin polypeptides, and antibodies that bind specifically to neublastin polypeptides, as well as methods of making and methods of using the same.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:190685 USPATFULL  
TITLE: Neurotrophic factors  
INVENTOR(S): Johansen, Teit E., Horsholm, DENMARK  
Blom, Nikolaj, Copenhagen, DENMARK  
Hansen, Claus, Holbaek, DENMARK  
PATENT ASSIGNEE(S): NsGENE A/S, Ballerup, DENMARK (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6593133	B1	20030715
APPLICATION INFO.:	US 1999-347613		19990702 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1998-904	19980719
	DK 1998-1048	19980819
	DK 1998-1265	19981006
	US 1998-92229P	19980709 (60)
	US 1998-97774P	19980825 (60)
	US 1998-103908P	19981003 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Fredman, Jeffrey  
ASSISTANT EXAMINER: Kaushal, Sumesh  
LEGAL REPRESENTATIVE: Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.,  
Elrifi, Ivor R., Miller, Scott D.

NUMBER OF CLAIMS: 22  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 19 Drawing Figure(s); 16 Drawing Page(s)  
LINE COUNT: 3494

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 210 USPATFULL

TI Protein design automation for protein libraries

AB The invention relates to the use of protein design automation (PDA.TM.)  
to generate computationally prescreened secondary libraries of proteins,  
and to methods and compositions utilizing the libraries.

ACCESSION NUMBER: 2003:189033 USPATFULL  
TITLE: Protein design automation for protein libraries  
INVENTOR(S): Bentzien, Joerg, White Plains, NY, UNITED STATES  
Dahiyat, Bassil I., Altadena, CA, UNITED STATES  
Desjarlais, John R., Pasadena, CA, UNITED STATES  
Hayes, Robert J., Pasadena, CA, UNITED STATES  
Vielmetter, Jost, Altadena, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003130827	A1	20030710
APPLICATION INFO.:	US 2002-218102	A1	20020812 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-927790, filed on 10 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-311545P	20010810 (60)
	US 2001-324899P	20010925 (60)
	US 2002-351937P	20020125 (60)
	US 2002-352103P	20020125 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: ROBIN M. SILVA, DORSEY & WHITNEY LLP, SUITE 3400, FOUR

EMBARCADERO CENTER, SAN FRANCISCO, CA, 94111

NUMBER OF CLAIMS: 116  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 29 Drawing Page(s)  
LINE COUNT: 5782

L9 ANSWER 3 OF 210 USPATFULL

TI Porcine adenovirus type 3 genome

AB The complete nucleotide sequence of the genome of porcine adenovirus type 3 (PAV-3) is provided. Methods for construction of infectious PAV genomes by homologous recombination in procaryotic cells are provided. Recombinant PAV viruses are obtained by transfection of mammalian cells with recombinant PAV genomes. The PAV-3 genome can be used as a vector for the expression of heterologous nucleotide sequences, for example, for the preparation and administration of subunit vaccines to swine or other mammals. In addition, PAV-3 vectors can be used for gene therapy and expression of heterologous polypeptides. PAV-3 genome sequences can also be used for diagnostic purposes, to detect the presence of PAV-3 DNA in a subject or biological sample.

ACCESSION NUMBER: 2003:188394 USPATFULL  
TITLE: Porcine adenovirus type 3 genome  
INVENTOR(S): Reddy, Police Seshidhar, Gaithersburg, MD, UNITED STATES  
Tikoo, Suresh Kumar, Saskatoon, CANADA  
Babiuk, Lorne A., Saskatoon, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003130187	A1	20030710
APPLICATION INFO.:	US 2002-245603	A1	20020916 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-292034, filed on 14 Apr 1999, GRANTED, Pat. No. US 6492343		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-81882P	19980415 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Gladys H. Monroy, Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA, 94304-1018	
NUMBER OF CLAIMS:	118	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	14 Drawing Page(s)	
LINE COUNT:	1971	

L9 ANSWER 4 OF 210 USPATFULL

TI Novel cytokine zalphall ligand

AB The present invention relates to zalphall Ligand polynucleotide and polypeptide molecules. The zalphall Ligand is a novel cytokine. The polypeptides may be used within methods for stimulating the proliferation and/or development of hematopoietic cells in vitro and in vivo. The present invention also includes methods for producing the protein, uses therefor and antibodies thereto.

ACCESSION NUMBER: 2003:181690 USPATFULL  
TITLE: Novel cytokine zalphall ligand  
INVENTOR(S): Novak, Julia E., Bainbridge Island, WA, UNITED STATES  
Presnell, Scott R., Tacoma, WA, UNITED STATES  
Sprecher, Cindy A., Seattle, WA, UNITED STATES  
Foster, Donald C., Lake Forest Park, WA, UNITED STATES  
Holly, Richard D., Seattle, WA, UNITED STATES  
Gross, Jane A., Seattle, WA, UNITED STATES  
Johnston, Janet V., Seattle, WA, UNITED STATES



Nelson, Andrew J., Shoreline, WA, UNITED STATES  
Dillon, Stacey R., Seattle, WA, UNITED STATES  
Hammond, Angela K., Maple Valley, WA, UNITED STATES  
PATENT ASSIGNEE(S): ZymoGenetics, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003125524	A1	20030703
APPLICATION INFO.:	US 2002-295723	A1	20021115 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-522217, filed on 9 Mar 2000, GRANTED, Pat. No. US 6307024		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Deborah A. Sawislak, Patent Department, ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA, 98102		
NUMBER OF CLAIMS:	54		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Page(s)		
LINE COUNT:	8817		

L9 ANSWER 5 OF 210 USPATFULL

TI Compositions and methods for use in isolation of nucleic acid molecules  
AB The present invention relates generally to recombinant genetic technology. More particularly, the present invention relates to compositions and methods for use in selection and isolation of nucleic acid molecules. The invention further relates to methods for the preparation of individual nucleic acid molecules and populations of nucleic acid molecules, as well as nucleic acid molecules produced by these methods. The invention also relates to screening and/or selection methods for identifying and/or isolating nucleic acid molecules which have one or more common features (e.g., characteristics, activities, etc) and populations of nucleic acid molecules which share one or more features.

ACCESSION NUMBER: 2003:180725 USPATFULL  
TITLE: Compositions and methods for use in isolation of nucleic acid molecules  
INVENTOR(S): Brasch, Michael A., Gaithersburg, MD, UNITED STATES  
Cheo, David, Kensington, MD, UNITED STATES  
Li, Xiao, Germantown, MD, UNITED STATES  
Esposito, Dominic, Columbia, MD, UNITED STATES  
Byrd, Devon R.N., Waynesville, NC, UNITED STATES  
PATENT ASSIGNEE(S): Invitrogen Corporation (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003124555	A1	20030703
APPLICATION INFO.:	US 2002-151690	A1	20020521 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-291973P	20010521 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STERNE, KESSLER, GOLDSTEIN & FOX PLLC, 1100 NEW YORK AVENUE, N.W., SUITE 600, WASHINGTON, DC, 20005-3934	
NUMBER OF CLAIMS:	73	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	57 Drawing Page(s)	
LINE COUNT:	7595	

L9 ANSWER 6 OF 210 USPATFULL

TI Chimeric capsid proteins and uses thereof  
AB The present invention encompasses chimeric capsid proteins, nucleic

acids encoding such proteins and capsids containing chimeric capsid proteins. Methods of making the chimeric capsid proteins, the nucleic acids that encode such proteins and capsids that contain chimeric capsid proteins are also encompassed within the scope of the invention. The invention further encompasses the use of the chimeric capsid proteins to produce protein elements and to present the elements for use in structure-function studies, for use as therapeutic factors and for other purposes. Other embodiments of the invention will be apparent to those skilled in the art from consideration of the specification and practice of the invention disclosed herein. It is intended that the specification and examples be considered as exemplary only.

ACCESSION NUMBER: 2003:180317 USPATFULL  
 TITLE: Chimeric capsid proteins and uses thereof  
 INVENTOR(S): Cosenza, Larry, Birmingham, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003124144	A1	20030703
APPLICATION INFO.:	US 2002-176714	A1	20020621 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-300044P	20010621 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	William R. Johnson, NEEDLE & ROSENBERG, P.C., The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA, 30303-1811	
NUMBER OF CLAIMS:	79	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	2497	

L9 ANSWER 7 OF 210 USPATFULL  
 TI Compositions and methods of use of mammalian retrotransposons  
 AB The invention relates to an isolated DNAC molecule comprising a promoter P and an L1 cassette sequence comprising a core L1 retrotransposon element and methods of use thereof.

ACCESSION NUMBER: 2003:175214 USPATFULL  
 TITLE: Compositions and methods of use of mammalian retrotransposons  
 INVENTOR(S): Kazazian, Haig H., JR., Baltimore, MD, UNITED STATES  
 Ostertag, Eric, Philadelphia, PA, UNITED STATES  
 DeBerardinis, Ralph, Philadelphia, PA, UNITED STATES  
 PATENT ASSIGNEE(S): The Trustees Of The University Of Pennsylvania (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003121063	A1	20030626
APPLICATION INFO.:	US 2002-216122	A1	20020809 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-653812, filed on 1 Sep 2000, PENDING Division of Ser. No. US 1997-847844, filed on 28 Apr 1997, GRANTED, Pat. No. US 6150160 Continuation-in-part of Ser. No. US 1996-749805, filed on 15 Nov 1996, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1995-6831P	19951116 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	

LEGAL REPRESENTATIVE: MORGAN, LEWIS & BOCKIUS LLP, 1701 MARKET STREET,  
PHILADELPHIA, PA, 19103-2921  
NUMBER OF CLAIMS: 22  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 44 Drawing Page(s)  
LINE COUNT: 4178

L9 ANSWER 8 OF 210 USPATFULL  
TI Tryptase-like polypeptide ztrypl  
AB The present invention relates to polynucleotide and polypeptide molecules for mouse ztrypl, a novel member of the serine protease family of proteins. The polynucleotides encoding mouse ztrypl can be used to identify a human ortholog or to create a mouse model associated with human disease states. The present invention also includes methods for producing the protein, uses therefor and antibodies thereto.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:173191 USPATFULL  
TITLE: Tryptase-like polypeptide ztrypl  
INVENTOR(S): Presnell, Scott R., Tacoma, WA, UNITED STATES  
Taft, David W., Seattle, WA, UNITED STATES  
PATENT ASSIGNEE(S): ZymoGenetics, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003119035	A1	20030626
APPLICATION INFO.:	US 2002-261845	A1	20021001 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-636382, filed on 9 Aug 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Jennifer K. Johnson, ZymoGenetics, Inc., Patent Department, 1201 Eastlake Avenue East, Seattle, WA, 98102		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
LINE COUNT:	3901		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 210 USPATFULL  
TI Identification and comparison of protein-protein interactions that occur in populations and identification of inhibitors of these interactors  
AB Methods are described for detecting protein-protein interactions, among two populations of proteins, each having a complexity of at least 1,000. For example, proteins are fused either to the DNA-binding **domain** of a transcriptional activator or to the activation **domain** of a transcriptional activator. Two yeast strains, of the opposite mating type and carrying one type each of the **fusion** proteins are mated together. Productive interactions between the two halves due to protein-protein interactions lead to the reconstitution of the transcriptional activator, which in turn leads to the activation of a reporter gene containing a binding site for the DNA-binding **domain**. This analysis can be carried out for two or more populations of proteins. The differences in the genes encoding the proteins involved in the protein-protein interactions are characterized, thus leading to the identification of specific protein-protein interactions, and the genes encoding the interacting proteins, relevant to a particular tissue, stage or disease. Furthermore, inhibitors that interfere with these protein-protein interactions are identified by their ability to inactivate a reporter gene. The screening for such inhibitors can be in a multiplexed format where a set of inhibitors will be screened against a library of interactors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:173158 USPATFULL  
 TITLE: Identification and comparison of protein-protein interactions that occur in populations and identification of inhibitors of these interactors  
 INVENTOR(S): Nandabalan, Krishnan, Branford, CT, UNITED STATES  
 Rothberg, Jonathan Marc, Branford, CT, UNITED STATES  
 PATENT ASSIGNEE(S): CuraGen Corp. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003119002	A1	20030626
APPLICATION INFO.:	US 2001-1670	A1	20011115 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-231303, filed on 12 Jan 1999, GRANTED, Pat. No. US 6395478 Continuation of Ser. No. US 1996-663824, filed on 14 Jun 1996, GRANTED, Pat. No. US 6083693		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711		
NUMBER OF CLAIMS:	151		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	33 Drawing Page(s)		
LINE COUNT:	9556		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L9 ANSWER 10 OF 210 USPATFULL  
 TI APM1 biallelic markers and uses thereof  
 AB The invention provides novel APM1 genomic sequences, polypeptides, antibodies, and polynucleotides including biallelic markers derived from the APM1 locus. Primers hybridizing to regions flanking these biallelic markers are also provided. This invention also provides polynucleotides and methods suitable for genotyping a nucleic acid containing sample for one or more biallelic markers of the invention. Additionally, the invention provides methods to detect a statistical correlation between a biallelic marker allele and a phenotype and/or between a biallelic marker haplotype and a phenotype. Further, the invention provides diagnostic methods for early detection of obesity-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:168910 USPATFULL  
 TITLE: APM1 biallelic markers and uses thereof  
 INVENTOR(S): Bougueleret, Lydie, Vanves, FRANCE  
 Bihain, Bernard, Encinitas, CA, United States  
 Denison, Blake, San Diego, CA, United States  
 Yen-Potin, Frances, San Diego, CA, United States  
 PATENT ASSIGNEE(S): Genset, S.A., FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6582909	B1	20030624
APPLICATION INFO.:	US 2000-569852		20000510 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-119593P	19990210 (60)
	US 1998-107113P	19981104 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Jones, W. Gary	
ASSISTANT EXAMINER:	Souaya, Jehanne	
LEGAL REPRESENTATIVE:	Saliwanchik, Lloyd & Saliwanchik	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	

NUMBER OF DRAWINGS: 8 Drawing Figure(s); 8 Drawing Page(s)  
LINE COUNT: 7372  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 17:14:01 ON 15 JUL 2003)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, WPIDS' ENTERED AT 17:15:11 ON 15 JUL 2003

L1 0 S DNA FRAGMENTATION () PARTIAL DIGESTION  
L2 0 S EXONUCLEASE () CLEAVAGE () LIGATION () FUSION  
L3 5897 S EXONUCLEASE AND CLEAVAGE  
L4 3279 S L3 AND LIGATION  
L5 2143 S L4 AND FUSION  
L6 22 S DNA FRAGMENTATION AND PARTIAL DIGESTION  
L7 338 S L5 AND GREEN FLUORESCENT PROTEIN  
L8 307 S L7 AND DOMAIN  
L9 210 S L8 AND FOLD  
L10 6 S L9 AND L6

=> s l9 and soluble domain

L11 1 L9 AND SOLUBLE DOMAIN

=> d l11 ti abs ibib tot

L11 ANSWER 1 OF 1 USPATFULL

TI Non-stochastic generation of genetic vaccines  
AB This invention provides methods of obtaining vaccines by use of non-stochastic methods of directed evolution (DirectEvolution.TM.). These methods include non-stochastic polynucleotide site-saturation mutagenesis (Gene Site Saturation Mutagenesis.TM.) and non-stochastic polynucleotide reassembly (GeneReassembly.TM.). Through use of the claimed methods, vectors can be obtained which exhibit increased efficacy for use as genetic vaccines. Vectors obtained by using the methods can have, for example, enhanced antigen expression, increased uptake into a cell, increased stability in a cell, ability to tailor an immune response, and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:297432 USPATFULL  
TITLE: Non-stochastic generation of genetic vaccines  
INVENTOR(S): Short, Jay M., Rancho Santa Fe, CA, United States  
PATENT ASSIGNEE(S): Diversa Corporation, San Diego, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6479258	B1	20021112
APPLICATION INFO.:	US 2000-495052		20000131 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-276860, filed on 26 Mar 1999 Continuation-in-part of Ser. No. US 1999-246178, filed on 4 Feb 1999, now patented, Pat. No. US 6171820 Continuation-in-part of Ser. No. US 1998-185373, filed on 3 Nov 1998 Continuation-in-part of Ser. No. US 1996-760489, filed on 5 Dec 1996, now patented, Pat. No. US 5830696		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1995-8311P	19951207 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	

PRIMARY EXAMINER: Park, Hankyel T.  
LEGAL REPRESENTATIVE: Gray Cary Ware & Freidenrich LLP, Haile, Lisa A.  
NUMBER OF CLAIMS: 86  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 66 Drawing Figure(s); 61 Drawing Page(s)  
LINE COUNT: 19213  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 17:14:01 ON 15 JUL 2003)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, WPIDS' ENTERED AT 17:15:11 ON 15 JUL 2003

L1 0 S DNA FRAGMENTATION () PARTIAL DIGESTION  
L2 0 S EXONUCLEASE () CLEAVAGE () LIGATION () FUSION  
L3 5897 S EXONUCLEASE AND CLEAVAGE  
L4 3279 S L3 AND LIGATION  
L5 2143 S L4 AND FUSION  
L6 22 S DNA FRAGMENTATION AND PARTIAL DIGESTION  
L7 338 S L5 AND GREEN FLUORESCENT PROTEIN  
L8 307 S L7 AND DOMAIN  
L9 210 S L8 AND FOLD  
L10 6 S L9 AND L6  
L11 1 S L9 AND SOLUBLE DOMAIN

=> s l9 and decomposing enzyme

L12 0 L9 AND DECOMPOSING ENZYME

=> d l6 ti abs ibib 1-10

L6 ANSWER 1 OF 22 MEDLINE  
TI Random **DNA fragmentation** with endonuclease V:  
application to DNA shuffling.  
AB The enzyme endonuclease V nicks uracil-containing DNA at the second or third phosphodiester bond 3' to uracil sites. I applied the enzyme to random fragmentation of DNA to revise the complex DNA shuffling protocol. The merit of using endonuclease V is that cleavage occurs at random sites and the length of the fragments can easily be adjusted by varying the concentration of dUTP in the polymerase chain reaction. Unlike the conventional method using DNase I, no **partial digestion** or gel separation of fragments is required. Therefore, labor is dramatically reduced and reproducibility ensured. I applied this method to recombine two truncated green fluorescent protein (GFP) genes and demonstrated successful DNA shuffling by the appearance of the fluorescent full-length GFP genes.

ACCESSION NUMBER: 2002728680 MEDLINE  
DOCUMENT NUMBER: 22379155 PubMed ID: 12490730  
TITLE: Random **DNA fragmentation** with  
endonuclease V: application to DNA shuffling.  
AUTHOR: Miyazaki Kentaro  
CORPORATE SOURCE: Institute for Biological Resources and Functions, National  
Institute of Advanced Industrial Science and Technology  
(AIST), Central 6, 1-1-1 Higashi, Tsukuba, Ibaraki  
305-8566, Japan.. miyazaki-kentaro@aist.go.jp  
SOURCE: NUCLEIC ACIDS RESEARCH, (2002 Dec 15) 30 (24) e139.  
Journal code: 0411011. ISSN: 1362-4962.  
PUB. COUNTRY: England: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200303  
ENTRY DATE: Entered STN: 20021220

Last Updated on STN: 20030308  
Entered Medline: 20030307

L6 ANSWER 2 OF 22 USPATFULL

TI Gel microdrops in genetic analysis

AB The invention provides methods of nucleic acid analysis. Such methods entail forming a population of gel microdrops encapsulating a population of biological entities, each entity comprising a nucleic acid, whereby at least some microdrops in the population each encapsulate a single entity. The population of gel microdrops is then contacted with a probe under conditions whereby the probe specifically hybridizes to at least one complementary sequence in the nucleic acid in at least one gel microdrop. At least one gel microdrop is then analyzed or detected. The biological entities can be cells, viruses, nuclei and chromosomes.

ACCESSION NUMBER: 2003:176281 USPATFULL  
TITLE: Gel microdrops in genetic analysis  
INVENTOR(S): Trnovsky, Jan, Saugus, MA, United States  
McGrath, Patricia, Cambridge, MA, United States  
PATENT ASSIGNEE(S): Cellay, LLC, Cambridge, MA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6586176	B1	20030701
APPLICATION INFO.:	US 1999-369640		19990806 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-95721P	19980807 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Horlick, Kenneth R.	
ASSISTANT EXAMINER:	Wilder, Cynthia	
LEGAL REPRESENTATIVE:	Townsend and Townsend and Crew LLP	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 8 Drawing Page(s)	
LINE COUNT:	1789	

L6 ANSWER 3 OF 22 USPATFULL

TI Human cDNAs and proteins and uses thereof

AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:140406 USPATFULL  
TITLE: Human cDNAs and proteins and uses thereof  
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003096247	A1	20030522
APPLICATION INFO.:	US 2001-986	A1	20011114 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING		

	NUMBER	DATE
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PRIORITY INFORMATION:	WO 2001-IB1715	20010806
	US 2001-305456P	20010713 (60)
	US 2001-302277P	20010629 (60)
	US 2001-298698P	20010615 (60)
	US 2001-293574P	20010525 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento Valley Road, San Diego, CA, 92121-1609	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	25656	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L6 ANSWER 4 OF 22 USPATFULL

TI Human tumor necrosis factor receptor

AB Tumor necrosis factors and their receptors have proven usefulness in both basic research and as therapeutics. The present invention provides a new human tumor necrosis factor receptor designated as "Ztnfr12."

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2003:134079 USPATFULL
TITLE:	Human tumor necrosis factor receptor
INVENTOR(S):	Gross, Jane A., Seattle, WA, UNITED STATES Xu, Wenfeng, Mukilteo, WA, UNITED STATES Henne, Randal M., Seattle, WA, UNITED STATES Grant, Francis J., Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2003092164	A1	20030515
APPLICATION INFO.:	US 2001-8063	A1	20011105 (10)

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2000-246449P	20001107 (60)
	US 2000-257131P	20001220 (60)
	US 2001-301715P	20010628 (60)
	US 2001-315565P	20010829 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Phillip B.C. Jones, J.D., Ph.D, ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA, 98102	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	6797	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L6 ANSWER 5 OF 22 USPATFULL

TI Human cDNAs and proteins and uses thereof

AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.



ACCESSION NUMBER: 2003:133926 USPATFULL  
TITLE: Human cDNAs and proteins and uses thereof  
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003092011	A1	20030515
APPLICATION INFO.:	US 2001-489	A1	20011114 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-IB1715	20010806
	US 2001-305456P	20010713 (60)
	US 2001-302277P	20010629 (60)
	US 2001-298698P	20010615 (60)
	US 2001-293574P	20010525 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento Valley Road, San Diego, CA, 92121-1609	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	25607	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L6 ANSWER 6 OF 22 USPATFULL  
TI Methods for genetic analysis of DNA to detect sequence variances  
AB Methods for determing genotypes and haplotypes of genes are described.  
Also described are single nucleotide polymorphisms and haplotypes in the  
ApoE gene and methods of using that information.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:120054 USPATFULL  
TITLE: Methods for genetic analysis of DNA to detect sequence  
variances  
INVENTOR(S): Stanton, Vincent P., JR., Belmont, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003082537	A1	20030501
APPLICATION INFO.:	US 2001-863733	A1	20010523 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-697028, filed on 25 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-696998, filed on 25 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2001-967013, filed on 28 Sep 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-206613P	20000523 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANITA L. MEIKLEJOHN, PH.D., Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	72	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	43 Drawing Page(s)	
LINE COUNT:	5382	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 22 USPATFULL

TI Restriction enzyme genotyping

AB Methods for determining genotypes and haplotypes of genes are described.  
Also described are single nucleotide polymorphisms and haplotypes in the  
ApoE gene and methods of using that information.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:106190 USPATFULL

TITLE: Restriction enzyme genotyping

INVENTOR(S): Olson, Jeffrey, Chelmsford, MA, UNITED STATES  
Zillmann, Martin, Shrewsbury, MA, UNITED STATES  
Stanton, Vincent P., JR., Belmont, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003073101	A1	20030417
APPLICATION INFO.:	US 2002-116420	A1	20020404 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-863733, filed on 23 May 2001, PENDING Continuation-in-part of Ser. No. US 2000-697028, filed on 25 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-696998, filed on 25 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-697013, filed on 25 Oct 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-206613P	20000523 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANITA L. MEIKLEJOHN, PH.D., Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	45 Drawing Page(s)	
LINE COUNT:	4670	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 22 USPATFULL

TI P53-MEDIATED APOPTOSIS FOR THE THERAPEUTIC TREATMENT OF DISEASES

AB The invention is directed to a methods of reducing the viability of a  
proliferating mammalian cells such as cancer cells. In one method cells  
deficient in p53 activity and in p53 suppressor activity of one or more  
p53-interacting regulatory proteins cell viability is reduced by  
increasing the level or activity of p53 in the cell. In another method  
viability of cells exhibiting p53 activity and p53 suppressor activity  
of one or more p53-interacting regulatory proteins is reduced by  
reducing the suppressor activity of the one or more p53-interacting  
regulatory proteins. Further, cell viability is reduced in cells  
deficient in p53 activity and exhibiting p53 suppressor activity of one  
or more p53-interacting regulatory proteins by a method that includes:  
(a) increasing the level or activity of p53 in the cell, and (b)  
reducing the suppressor activity of the one or more p53-interacting  
regulatory proteins. Also, included are methods of selectively reducing  
the viability of proliferating cancer cells compared to nonproliferating  
normal cells within a mixed population of cells and to methods of  
selectively reducing the viability of chronic granulocytic leukemia  
cells within a sample of proliferating bone marrow cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:65361 USPATFULL

TITLE: P53-MEDIATED APOPTOSIS FOR THE THERAPEUTIC TREATMENT OF  
DISEASES

INVENTOR(S) : CLARKE, MICHAEL F., ANN ARBOR, MI, UNITED STATES  
RYAN, JAMES J., SALINE, MI, UNITED STATES  
NUNEZ, GABRIEL, ANN ARBOR, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003045485	A1	20030306
APPLICATION INFO.:	US 1995-463069	A1	19950605 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-139301, filed on 19 Oct 1993, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP, 101 Howard Street, Suite 350, San Francisco, CA, 94105		
NUMBER OF CLAIMS:	43		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	22 Drawing Page(s)		
LINE COUNT:	1485		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L6 ANSWER 9 OF 22 USPATFULL

TI Method of producing a DNA library using positional amplification

AB The disclosed invention relates to general and specific methods to use the Primer Extension/Nick Translation (PENT) reaction to create an amplifiable DNA strand, called a PENTamer. A PENTamers can be made for the purpose of amplifying a controlled length of DNA located at a controlled position within a DNA molecule, a process referred to as Positional Amplification by Nick Translation (PANT). In contrast to PCR, which amplifies DNA between two specific sequences, PANT can amplify DNA between two specific positions. PENTamers can be created to amplify very large regions of DNA (up to 500,000 bp) as random mixtures (unordered positional libraries), or as molecules sorted according to position (ordered positional libraries). PANT is fast and economical, because PENTamer preparation can be multiplexed. A single PENTamer preparation can include very complex mixtures of DNA such as hundreds of large-insert clones, complete genomes, or cDNA libraries. Subsequent PCR amplification of the preparation using a single specific primer can positionally amplify contiguous regions along a specific clone, along a specific genomic region, or along a specific expressed sequence.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:58052 USPATFULL

TITLE: Method of producing a DNA library using positional amplification

INVENTOR(S): Langmore, John P., Ann Arbor, MI, UNITED STATES  
Makarov, Vladimir L., Ann Arbor, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003040620	A1	20030227
APPLICATION INFO.:	US 2001-860738	A1	20010518 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-206095P	20000520 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FULBRIGHT & JAWORSKI, LLP, 1301 MCKINNEY, SUITE 5100, HOUSTON, TX, 77010-3095	
NUMBER OF CLAIMS:	272	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	114 Drawing Page(s)	
LINE COUNT:	9894	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L6 ANSWER 10 OF 22 USPATFULL

TI Human cDNAs and proteins and uses thereof

AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:37603 USPATFULL

TITLE: Human cDNAs and proteins and uses thereof

INVENTOR(S): Bejanin, Stephane, Paris, FRANCE

Tanaka, Hiroaki, Antony, FRANCE

PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003027248	A1	20030206
APPLICATION INFO.:	US 2001-924340	A1	20010806 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-305456P	20010713 (60)
	US 2001-302277P	20010629 (60)
	US 2001-298698P	20010615 (60)
	US 2001-293574P	20010525 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GENSET, JOHN LUCAS, PHD, J.D., 10665 SORRENTO VALLEY RD, SAN DIEGO, CA, 92121	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	25650	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L17</u>	solubility and L16	251	<u>L17</u>
<u>L16</u>	E. coli and L15	1250	<u>L16</u>
<u>L15</u>	fold and L14	376	<u>L15</u>
<u>L14</u>	17 and L13	520	<u>L14</u>
<u>L13</u>	GFP and fusion	1393	<u>L13</u>
<u>L12</u>	fusion proteins and L11	73413	<u>L12</u>
<u>L11</u>	transformation and L10	2796	<u>L11</u>
<u>L10</u>	mung-bean nuclease and L9	4024	<u>L10</u>
<u>L9</u>	exonuclease III and L8	6181	<u>L9</u>
<u>L8</u>	NsiI and L7	22	<u>L8</u>
<u>L7</u>	15 and EcoRI	567	<u>L7</u>
<u>L6</u>	digest N-terminal and L5	37148	<u>L6</u>
<u>L5</u>	13 and C-terminal GFP	1747	<u>L5</u>
<u>L4</u>	C-terminal GFP frame and L3	18035	<u>L4</u>
<u>L3</u>	SfiI site and L2	3071	<u>L3</u>
<u>L2</u>	ligate and L1	2461	<u>L2</u>
<u>L1</u>	Grb2 cDNA	30838	<u>L1</u>

END OF SEARCH HISTORY

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☐ 3. Document ID: US 6591138 B1

L2: Entry 3 of 92855

File: USPT

Jul 8, 2003

US-PAT-NO: 6591138

DOCUMENT-IDENTIFIER: US 6591138 B1

TITLE: Low frequency neurostimulator for the treatment of neurological disorders

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fischell; David R.	Fair Haven	NJ		
Upton; Adrian R. M.	Dundas			CA

US-CL-CURRENT: 607/45; 607/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 4. Document ID: US 6591133 B1

L2: Entry 4 of 92855

File: USPT

Jul 8, 2003

US-PAT-NO: 6591133

DOCUMENT-IDENTIFIER: US 6591133 B1

TITLE: Apparatus and methods for fluid delivery using electroactive needles and implantable electrochemical delivery devices

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Joshi; Ashok V.	Salt Lake City	UT		

US-CL-CURRENT: 604/21; 604/289, 604/30, 604/36

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 5. Document ID: US 6591129 B1

L2: Entry 5 of 92855

File: USPT

Jul 8, 2003

US-PAT-NO: 6591129

DOCUMENT-IDENTIFIER: US 6591129 B1

TITLE: Method for treating tissue through injection of a therapeutic agent

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:





☐ 8. Document ID: US 6590957 B1

L2: Entry 8 of 92855

File: USPT

Jul 8, 2003

US-PAT-NO: 6590957

DOCUMENT-IDENTIFIER: US 6590957 B1

TITLE: Method and apparatus for producing spectra corrected for deadtime losses in spectroscopy systems operating under variable input rate conditions

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Warburton; William K.	Menlo Park	CA	94025	
Momayezi; Michael	Oakland	CA		
Grudberg; Peter M.	Castro Valley	CA		
Harris; Jackson T.	Berkeley	CA		

US-CL-CURRENT: 378/91; 378/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMMC

☐ 9. Document ID: US 6590935 B2

L2: Entry 9 of 92855

File: USPT

Jul 8, 2003

US-PAT-NO: 6590935

DOCUMENT-IDENTIFIER: US 6590935 B2

TITLE: Medium and method for protection of data transmission according to both medium specific protection data and additional protection data

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sugahara; Takayuki	Yokohama			JP

US-CL-CURRENT: 375/240.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMMC

☐ 10. Document ID: US 6590915 B1

L2: Entry 10 of 92855

File: USPT

Jul 8, 2003

US-PAT-NO: 6590915

DOCUMENT-IDENTIFIER: US 6590915 B1

TITLE: Optical apparatus and method for producing the same

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kitaoka; Yasuo	Osaka			JP
Yamamoto; Kazuhisa	Osaka			JP
Kato; Makoto	Hyogo-ken			JP
Uno; Tomoaki	Hyogo-ken			JP
Mizuuchi; Kiminori	Osaka			JP
Nishiuchi; Kenichi	Osaka			JP

US-CL-CURRENT: 372/38.02; 372/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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US-CL-CURRENT: 702/1; 702/18

[illegible]

☐ 3. Document ID: US 6591138 B1

L3: Entry 3 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6591138

DOCUMENT-IDENTIFIER: US 6591138 B1

TITLE: Low frequency neurostimulator for the treatment of neurological disorders

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fischell; David R.	Fair Haven	NJ		
Upton; Adrian R. M.	Dundas			CA

US-CL-CURRENT: 607/45; 607/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 4. Document ID: US 6591129 B1

L3: Entry 4 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6591129

DOCUMENT-IDENTIFIER: US 6591129 B1

TITLE: Method for treating tissue through injection of a therapeutic agent

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ben-Haim; Shlomo	Haifa			IL
Fenster; Maier	Petach Tikva			IL

US-CL-CURRENT: 600/424; 604/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 5. Document ID: US 6591125 B1

L3: Entry 5 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6591125

DOCUMENT-IDENTIFIER: US 6591125 B1

TITLE: Small volume in vitro analyte sensor with diffusible or non-leachable redox mediator

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Buse; John Bernard	Chapel Hill	NC		
Moses; Alan Charles	Newton Centre	MA		

US-CL-CURRENT: 600/347; 600/345, 600/365

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6591007 B1

L3: Entry 6 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6591007

DOCUMENT-IDENTIFIER: US 6591007 B1

TITLE: Method and apparatus for representing colored surfaces via a surface color code book

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Petkovic; Dragutin	Saratoga	CA		
Syeda-Mahmood; Tanveer Fathima	Cupertino	CA		

US-CL-CURRENT: 382/162; 358/539, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6590957 B1

L3: Entry 7 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6590957

DOCUMENT-IDENTIFIER: US 6590957 B1

TITLE: Method and apparatus for producing spectra corrected for deadtime losses in spectroscopy systems operating under variable input rate conditions

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Warburton; William K.	Menlo Park	CA	94025	
Momayezi; Michael	Oakland	CA		
Grudberg; Peter M.	Castro Valley	CA		
Harris; Jackson T.	Berkeley	CA		

US-CL-CURRENT: 378/91; 378/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 8. Document ID: US 6590935 B2

L3: Entry 8 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6590935

DOCUMENT-IDENTIFIER: US 6590935 B2

TITLE: Medium and method for protection of data transmission according to both medium specific protection data and additional protection data

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sugahara; Takayuki	Yokohama			JP

US-CL-CURRENT: 375/240.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 9. Document ID: US 6590915 B1

L3: Entry 9 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6590915

DOCUMENT-IDENTIFIER: US 6590915 B1

TITLE: Optical apparatus and method for producing the same

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kitaoka; Yasuo	Osaka			JP
Yamamoto; Kazuhisa	Osaka			JP
Kato; Makoto	Hyogo-ken			JP
Uno; Tomoaki	Hyogo-ken			JP
Mizuuchi; Kiminori	Osaka			JP
Nishiuchi; Kenichi	Osaka			JP

US-CL-CURRENT: 372/38.02; 372/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 10. Document ID: US 6590852 B1

L3: Entry 10 of 305572

File: USPT

Jul 8, 2003

US-PAT-NO: 6590852

DOCUMENT-IDENTIFIER: US 6590852 B1

TITLE: Massively-parallel writing and reading of information within the three-dimensional volume of an optical disk, particularly by use of a doubly-telecentric afocal imaging system

DATE-ISSUED: July 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McCormick, Jr.; Frederick Bossert	San Diego	CA		

US-CL-CURRENT: 369/112.23; 369/120

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 3. Document ID: US 6500619 B1

L8: Entry 3 of 22

File: USPT

Dec 31, 2002

US-PAT-NO: 6500619

DOCUMENT-IDENTIFIER: US 6500619 B1

TITLE: Method for making an improved cloning vector containing marker inactivation system

DATE-ISSUED: December 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Slilaty; Steve N.	Laval			CA
Lebel; Suzanne	Laval			CA

US-CL-CURRENT: 435/6; 435/320.1, 435/471, 435/91.4, 435/91.41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC
Draw Desc	Image										

☐ 4. Document ID: US 6392028 B1

L8: Entry 4 of 22

File: USPT

May 21, 2002

US-PAT-NO: 6392028

DOCUMENT-IDENTIFIER: US 6392028 B1

TITLE: Functional DNA clone for hepatitis C virus (HCV) and uses thereof

DATE-ISSUED: May 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rice, III; Charles Moen	University City	MO		
Kolykhalov; Alexander A.	St. Louis	MO		

US-CL-CURRENT: 536/23.72; 435/363, 435/364, 435/366, 435/370

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWMC
Draw Desc	Image									

☐ 5. Document ID: US 6369294 B1

L8: Entry 5 of 22

File: USPT

Apr 9, 2002

US-PAT-NO: 6369294

DOCUMENT-IDENTIFIER: US 6369294 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Methods comprising apoptosis inhibitors for the generation of transgenic pigs

DATE-ISSUED: April 9, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Piedrahita; Jorge A.	College Station	TX		
Bazer; Fuller W.	College Station	TX		

US-CL-CURRENT: 800/14; 435/325, 435/383, 435/384, 435/455, 435/459, 435/461,  
435/462, 435/463, 800/17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 6. Document ID: US 6335185 B1

L8: Entry 6 of 22

File: USPT

Jan 1, 2002

US-PAT-NO: 6335185

DOCUMENT-IDENTIFIER: US 6335185 B1

TITLE: Bacteriophage vectors generated by bacteriophage/plasmid recombination

DATE-ISSUED: January 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rancourt; Derrick E.	Calgary			CA
Tsuzuki; Teruhisa	Fukuoka			JP

US-CL-CURRENT: 435/91.4; 435/235.1, 435/243, 435/252.3, 435/252.33, 435/320.1,  
435/471, 435/472, 435/475, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 7. Document ID: US 6326206 B1

L8: Entry 7 of 22

File: USPT

Dec 4, 2001

US-PAT-NO: 6326206

DOCUMENT-IDENTIFIER: US 6326206 B1

TITLE: In vivo recombination

DATE-ISSUED: December 4, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bjornvad; Mads Eskelund	Frederiksberg			DK
Rasmussen; Michael Dolberg	Vallensbaek			DK
Jorgensen; Per Lina	Kobenhavn			DK
Borchert; Torben Vedel	Copenhagen			DK
Ehrlich; Stanislas Dusko	Paris			FR

US-CL-CURRENT: 435/471; 435/463, 435/468, 435/477

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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K00C

☐ 8. Document ID: US 6303362 B1

L8: Entry 8 of 22

File: USPT

Oct 16, 2001

US-PAT-NO: 6303362

DOCUMENT-IDENTIFIER: US 6303362 B1

TITLE: Adenoviral vector and methods for making and using the same

DATE-ISSUED: October 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kay; Mark A.	Stanford	CA		
Mizuguchi; Hiroyuki	Tokyo			JP

US-CL-CURRENT: 435/235.1; 424/93.2, 424/93.6, 435/173.3, 435/252.3, 435/5, 435/69.1, 435/91.4, 514/44, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 9. Document ID: US 6277608 B1

L8: Entry 9 of 22

File: USPT

Aug 21, 2001

US-PAT-NO: 6277608

DOCUMENT-IDENTIFIER: US 6277608 B1

TITLE: Recombinational cloning using nucleic acids having recombination sites

DATE-ISSUED: August 21, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hartley; James L.	Frederick	MD		
Brasch; Michael A.	Gaithersburg	MD		
Temple; Gary F.	Washington Grove	MD		
Fox; Donna K.	Sykesville	MD		

US-CL-CURRENT: 435/91.4; 435/320.1, 435/6, 435/69.1, 435/91.1, 435/91.42, 536/23.1, 536/24.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 10. Document ID: US 6271436 B1

L8: Entry 10 of 22

File: USPT

Aug 7, 2001

US-PAT-NO: 6271436

DOCUMENT-IDENTIFIER: US 6271436 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Cells and methods for the generation of transgenic pigs

DATE-ISSUED: August 7, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Piedrahita; Jorge A.	College Station	TX		
Bazer; Fuller W.	College Station	TX		

US-CL-CURRENT: 800/21, 435/325, 435/383, 435/384, 435/455, 435/459, 435/461,  
435/462, 435/463, 800/14, 800/15, 800/16, 800/17, 800/18, 800/22, 800/24, 800/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
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11. Document ID: US 6255071 B1

Jul 3, 2001

**\*\* See image for Certificate of Correction \*\***

DATE-ISSUED: July 3, 2001

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beach; David H.	Huntington Bay	NY		
Hannon; Gregory J.	Huntington	NY		
Conklin; Douglas	Huntington Bay	NY		
Sun; Peiqing	Huntington	NY		

US-CL-CURRENT: 435/69.1; 435/320.1, 435/455, 435/6, 536/23.1, 536/23.5, 536/24.1

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☐ 12. Document ID: US 6201165 B1

Mar 13, 2001

**\*\* See image for Certificate of Correction \*\***

DATE-ISSUED: March 13, 2001

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grant; Stephen R.	Ft. Worth	TX		
Olson; Eric N.	Dallas	TX		

US-CL-CURRENT: 800/3; 435/325, 435/354, 435/366, 435/4, 435/6, 435/7.1, 435/8,  
800/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 13. Document ID: US 6166178 A

L8: Entry 13 of 22

File: USPT

Dec 26, 2000

US-PAT-NO: 6166178

DOCUMENT-IDENTIFIER: US 6166178 A

TITLE: Telomerase catalytic subunit

DATE-ISSUED: December 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cech; Thomas R.	Boulder	CO		
Lingner; Joachim	Boulder	CO		

US-CL-CURRENT: 530/324; 530/827, 530/828, 536/23.2, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 14. Document ID: US 6127171 A

L8: Entry 14 of 22

File: USPT

Oct 3, 2000

US-PAT-NO: 6127171

DOCUMENT-IDENTIFIER: US 6127171 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Cloning vector containing marker inactivation system

DATE-ISSUED: October 3, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Slilaty; Steve N.	Laval			CA
Lebel; Suzanne	Laval			CA

US-CL-CURRENT: 435/320.1; 435/29, 435/471, 435/91.41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 15. Document ID: US 6127116 A

L8: Entry 15 of 22

File: USPT

Oct 3, 2000

US-PAT-NO: 6127116

DOCUMENT-IDENTIFIER: US 6127116 A

TITLE: Functional DNA clone for hepatitis C virus (HCV) and uses thereof

DATE-ISSUED: October 3, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rice; Charles M.	University City	MO		
Kolykhalov; Alexander A.	St. Louis	MO		

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 536/23.7, 536/24.1, 536/24.3, 536/24.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 16. Document ID: US 6100063 A

L8: Entry 16 of 22

File: USPT

Aug 8, 2000

US-PAT-NO: 6100063

DOCUMENT-IDENTIFIER: US 6100063 A

TITLE: Procaryotic cell comprising at least two copies of a gene

DATE-ISSUED: August 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
J.o slashed.rgensen; Steen Troels	Aller.o slashed.d			DK

US-CL-CURRENT: 435/69.1; 435/183, 435/252.31, 435/477

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 17. Document ID: US 6087485 A

L8: Entry 17 of 22

File: USPT

Jul 11, 2000

US-PAT-NO: 6087485

DOCUMENT-IDENTIFIER: US 6087485 A

TITLE: Asthma related genes

DATE-ISSUED: July 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brooks-Wilson; Angela R.	San Diego	CA		
Buckler; Alan	Cardiff	CA		
Cardon; Lon	San Diego	CA		
Carey; Alisoun H.	San Diego	CA		
Galvin; Margaret	Encinitas	CA		
Miller; Andrew	San Diego	CA		
North; Michael	San Diego	CA		

US-CL-CURRENT: 536/23.5; 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 18. Document ID: US 6025192 A

L8: Entry 18 of 22

File: USPT

Feb 15, 2000

US-PAT-NO: 6025192

DOCUMENT-IDENTIFIER: US 6025192 A

TITLE: Modified retroviral vectors

DATE-ISSUED: February 15, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beach; David	Huntington Bay	NY		
Hannon; Gregory J.	Huntington	NY		

US-CL-CURRENT: 435/320.1; 435/6, 435/DIG.24, 536/23.1, 536/23.5, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC

☐ 19. Document ID: US 5976807 A

L8: Entry 19 of 22

File: USPT

Nov 2, 1999

US-PAT-NO: 5976807

DOCUMENT-IDENTIFIER: US 5976807 A

TITLE: Eukaryotic cells stably expressing genes from multiple transfected episomes

DATE-ISSUED: November 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horlick; Robert A.	Plainsboro	NJ		
Damaj; Bassam B.	Lawrenceville	NJ		
Robbins; Alan K.	Wilmington	DE		

US-CL-CURRENT: 435/6; 435/369, 435/467

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 20. Document ID: US 5929302 A

L8: Entry 20 of 22

File: USPT

Jul 27, 1999



US-PAT-NO: 5929302

DOCUMENT-IDENTIFIER: US 5929302 A

TITLE: Plant tissue/stage specific promoters for regulated expression of transgenes in plants

DATE-ISSUED: July 27, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kellogg; Jill Anne	Portland	OR	97223	
Bestwick; Richard Keith	Portland	OR	97223	

US-CL-CURRENT: [800/278](#); [435/419](#), [435/468](#), [536/24.1](#), [800/298](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
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L8: Entry 21 of 22

File: USPT

Jul 21, 1998

US-PAT-NO: 5783393

DOCUMENT-IDENTIFIER: US 5783393 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Plant tissue/stage specific promoters for regulated expression of transgenes in plants

DATE-ISSUED: July 21, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kellogg; Jill Anne	Portland	OR		
Bestwick; Richard Keith	Portland	OR		

US-CL-CURRENT: [435/6](#); [435/320.1](#), [435/419](#), [536/23.1](#), [536/24.3](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 22. Document ID: US 5770371 A

L8: Entry 22 of 22

File: USPT

Jun 23, 1998

US-PAT-NO: 5770371

DOCUMENT-IDENTIFIER: US 5770371 A

TITLE: Modification of cryptic splice sites in heterologous genes expressed in fungi

DATE-ISSUED: June 23, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thompson; Sheryl	Davis	CA		

US-CL-CURRENT: [435/6](#); [435/254.11](#), [435/320.1](#), [435/69.1](#), [435/91.4](#), [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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<u>L4</u>	fusion same soluble domain	85496	<u>L4</u>
<u>L3</u>	soluble domain and L2	305572	<u>L3</u>
<u>L2</u>	formation and L1	92855	<u>L2</u>
<u>L1</u>	protein domain	195669	<u>L1</u>

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09/2241573

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NEWS	19	May 19 Simultaneous left and right truncation added to WSCA
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NEWS	21	Jun 06 Simultaneous left and right truncation added to CBNB
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DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Paul E. Rauch, Ph.D., Brinks, Hofer, Gilson & Lione,  
NBC Tower - Suite 3600, 455 N. Cityfront Plaza Drive,  
Chicago, IL, 60611-5599  
NUMBER OF CLAIMS: 118  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 330 Drawing Page(s)  
LINE COUNT: 32302  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 56 OF 70 USPATFULL

TI Methods for producing protein domains and analyzing three dimensional  
structures of proteins by using said domains  
AB There is provided a method for producing a **soluble  
protein domain** comprising: (a) preparing two or more  
DNA fragments by partially digesting a DNA coding for a protein; (b)  
expressing the protein which is coded on each of said DNA fragments, as  
a **fusion protein** with a functional protein; (c)  
selecting the **fusion protein** exhibiting said  
function among two or more fusion proteins synthesized in step (b); and,  
(d) synthesizing the **soluble protein domain**  
which is coded on said DNA fragment in a cell-free system, wherein said  
**soluble protein domain** is included in said  
**fusion protein** selected in step (c). By using this  
method, it can be easy and efficient to analyze the three dimensional  
structure of proteins of many clones.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:258817 USPATFULL  
TITLE: Methods for producing protein domains and analyzing  
three dimensional structures of proteins by using said  
domains  
INVENTOR(S): Seki, Eiko, Kanagawa, JAPAN  
Kigawa, Takanori, Kanagawa, JAPAN  
Yokoyama, Shigeyuki, Kanagawa, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002142387	A1	20021003
APPLICATION INFO.:	US 2001-994573	A1	20011126 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2001-62703	20010306
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MORRISON & FOERSTER LLP, 3811 VALLEY CENTRE DRIVE, SUITE 500, SAN DIEGO, CA, 92130-2332	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	617	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 57 OF 70 USPATFULL

TI Secreted and transmembrane polypeptides and nucleic acids encoding the  
same  
AB The present invention is directed to novel polypeptides and to nucleic  
acid molecules encoding those polypeptides. Also provided herein are  
vectors and host cells comprising those nucleic acid sequences, chimeric  
polypeptide molecules comprising the polypeptides of the present  
invention fused to heterologous polypeptide sequences, antibodies which  
bind to the polypeptides of the present invention and to methods for

producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:251932 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Hillsborough, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Napier, Mary A., Hillsborough, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Watanabe, Colin K., Moraga, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Zhang, Zemin, Foster City, CA, UNITED STATES  
PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002137890	A1	20020926
APPLICATION INFO.:	US 2001-990456	A1	20011114 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-941992, filed on 28 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1997-US20069	19971105
	WO 1998-US19330	19980916
	WO 1998-US19437	19980917
	WO 1998-US21141	19981007
	WO 1998-US25108	19981201
	WO 1999-US106	19990105
	WO 1999-US5028	19990308
	WO 1999-US12252	19990602
	WO 1999-US21090	19990915
	WO 1999-US21547	19990915
	WO 1999-US28313	19991130
	WO 1999-US28301	19991201
	WO 1999-US28634	19991201
	WO 1999-US30095	19991216
	WO 1999-US30911	19990220
	WO 2000-US219	20000105
	WO 2000-US376	20000106
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	WO 2000-US4341	20000218
	WO 2000-US4414	20000222
	WO 2000-US4914	20000224
	WO 2000-US5004	20000224

WO 2000-US5841	20000302
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WO 2000-US6884	20000315
WO 2000-US7377	20000320
WO 2000-US8439	20000330
WO 2000-US13358	20000515
WO 2000-US14042	20000522
WO 2000-US15264	20000602
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WO 2000-US20710	20000728
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WO 2000-US30952	20001108
WO 2000-US32678	20001201
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WO 2001-US19692	20010620
WO 2001-US21066	20010629
WO 2001-US21735	20010709
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US 1997-62250P	19971017 (60)
US 1997-65186P	19971112 (60)
US 1997-65311P	19971113 (60)
US 1997-66770P	19971124 (60)
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US 1998-78910P	19980320 (60)
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US 1998-89532P	19980617 (60)
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US 1998-89599P	19980617 (60)
US 1998-89600P	19980617 (60)
US 1998-89653P	19980617 (60)
US 1998-89801P	19980618 (60)
US 1998-89907P	19980618 (60)
US 1998-89908P	19980618 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: Paul E. Rauch, Ph.D., Brinks, Hofer, Gilson & Lione,  
 NBC Tower - Suite 3600, 455 N. Cityfront Plaza Drive,  
 Chicago, IL, 60611-5599  
 NUMBER OF CLAIMS: 118  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 330 Drawing Page(s)  
 LINE COUNT: 31812  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 58 OF 70 USPATFULL

TI Secreted and transmembrane polypeptides and nucleic acids encoding the same  
 AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:251131 USPATFULL  
 TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
 INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES  
 Baker, Kevin P., Darnestown, MD, UNITED STATES  
 Botstein, David, Belmont, CA, UNITED STATES  
 Desnoyers, Luc, San Francisco, CA, UNITED STATES  
 Eaton, Dan L., San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
 Fong, Sherman, Alameda, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Hillsborough, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Napier, Mary A., Hillsborough, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Watanabe, Colin K., Moraga, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Zhang, Zemin, Foster City, CA, UNITED STATES  
 PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002137075	A1	20020926
APPLICATION INFO.:	US 2001-993604	A1	20011114 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-941992, filed on 28		

Aug 2001, PENDING

	NUMBER	DATE
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PRIORITY INFORMATION:	WO 1997-US20069	19971105
	WO 1998-US19330	19980916
	WO 1998-US19437	19980917
	WO 1998-US21141	19981007
	WO 1998-US25108	19981201
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	WO 1999-US28301	19991201
	WO 1999-US28634	19991201
	WO 1999-US30095	19991216
	WO 1999-US30911	19990220
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	WO 2000-US376	20000106
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	WO 2000-US14941	20000530
	WO 2000-US20710	20000728
	WO 2000-US22031	20000811
	WO 2000-US23522	20000823
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	WO 2001-US19692	20010620
	WO 2001-US21066	20010629
	WO 2001-US21735	20010709
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	US 1997-65186P	19971112 (60)
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	US 1998-88021P	19980604 (60)
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US 1998-89600P	19980617 (60)
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US 1998-89801P	19980618 (60)
US 1998-89907P	19980618 (60)
US 1998-89908P	19980618 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: Paul E. Rauch, Ph.D., Brinks, Hofer, Gilson & Lione,  
 NBC Tower - Suite 3600, 455 N. Cityfront Plaza Drive,  
 Chicago, IL, 60611-5599

NUMBER OF CLAIMS: 118  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 330 Drawing Page(s)  
 LINE COUNT: 31782  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 59 OF 70 USPATFULL

TI Secreted and transmembrane polypeptides and nucleic acids encoding the same

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:243067 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES  
 Baker, Kevin P., Darnestown, MD, UNITED STATES  
 Botstein, David, Belmont, CA, UNITED STATES  
 Desnoyers, Luc, San Francisco, CA, UNITED STATES  
 Eaton, Dan L., San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Hillsborough, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Napier, Mary A., Hillsborough, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Watanabe, Colin K., Moraga, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Zhang, Zemin, Foster City, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132253	A1	20020919
APPLICATION INFO.:	US 2001-991163	A1	20011114 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-941992, filed on 28 Aug 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1997-US20069	19971105
	WO 1998-US19330	19980916
	WO 1998-US19437	19980917
	WO 1998-US21141	19981007
	WO 1998-US25108	19981201
	WO 1999-US106	19990105
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	WO 1999-US12252	19990602
	WO 1999-US21090	19990915
	WO 1999-US21547	19990915
	WO 1999-US28313	19991130
	WO 1999-US28301	19991201
	WO 1999-US28634	19991201
	WO 1999-US30095	19991216
	WO 1999-US30911	19991220
	WO 2000-US219	20000105
	WO 2000-US376	20000106
	WO 2000-US3565	20000211
	WO 2000-US4341	20000218
	WO 2000-US4414	20000222
	WO 2000-US4914	20000224
	WO 2000-US5004	20000224
	WO 2000-US5841	20000302
	WO 2000-US6319	20000310
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US 1998-89907P	19980618 (60)
US 1998-89908P	19980618 (60)

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

Utility

APPLICATION

Paul E. Rauch, Ph.D., Brinks, Hofer, Gilson & Lione,  
NBC Tower - Suite 3600, 455 N. Cityfront Plaza Drive,  
Chicago, IL, 60611-5599

NUMBER OF CLAIMS:

118

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 330 Drawing Page(s)  
LINE COUNT: 31817  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 60 OF 70 USPATFULL

TI Secreted and transmembrane polypeptides and nucleic acids encoding the same

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:243066 USPATFULL

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